


NCFE Entry Level 2 Functional Skills Qualification in Mathematics (603/5053/2)

Paper number: Paper 10
Section B: Calculator Test



Time allowed: 1 hour 15 minutes

Learner instructions

- Answer **all** questions.
- Read each question carefully.
- Write your answers in the spaces provided.
- Show your working, as marks may be awarded for working.
- This shows you where to write your working and answers. 
- State units in your answers, where appropriate.
- Check your work.

Learner information

- The maximum mark for this section is **24**.
- The marks available for **each** question are shown in brackets.

To be completed by the assessor		Mark
B	Activity 2	/ 8
	Activity 3	/ 8
	Activity 4	/ 8

Resources

You will need:

- a pen, with black or blue ink
- a pencil and eraser
- a 30 cm ruler
- a calculator.

Please complete the details below clearly and in BLOCK CAPITALS.

Learner name _____

Centre name _____

Learner number

Centre number

Do not turn over until the assessor tells you to do so.

Activity 2: Harvest

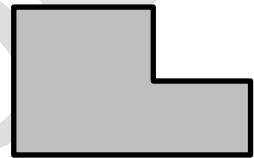
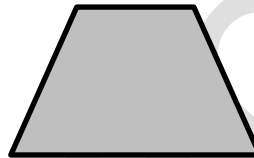
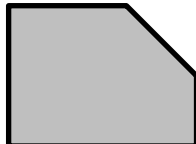
Dave is harvesting the fields.

2 (a) Dave starts with the field that is in the shape of a hexagon.

Which field does Dave start with?

Tick (✓) your answer.

[1 mark]



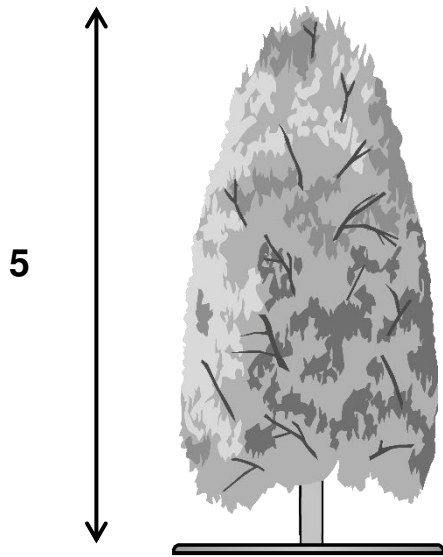
A ()

B ()

C ()

D ()

2 (b) There is a tree in one of the fields.



What is the height of the tree?

Tick (✓) your answer.

[1 mark]

5 centimetres

5 kilometres

5 metres

5 millimetres



A ()

B ()

C ()

D ()

Please turn over

2 (c) Dave makes hay bales.

This table shows the number of hay bales he made each day.

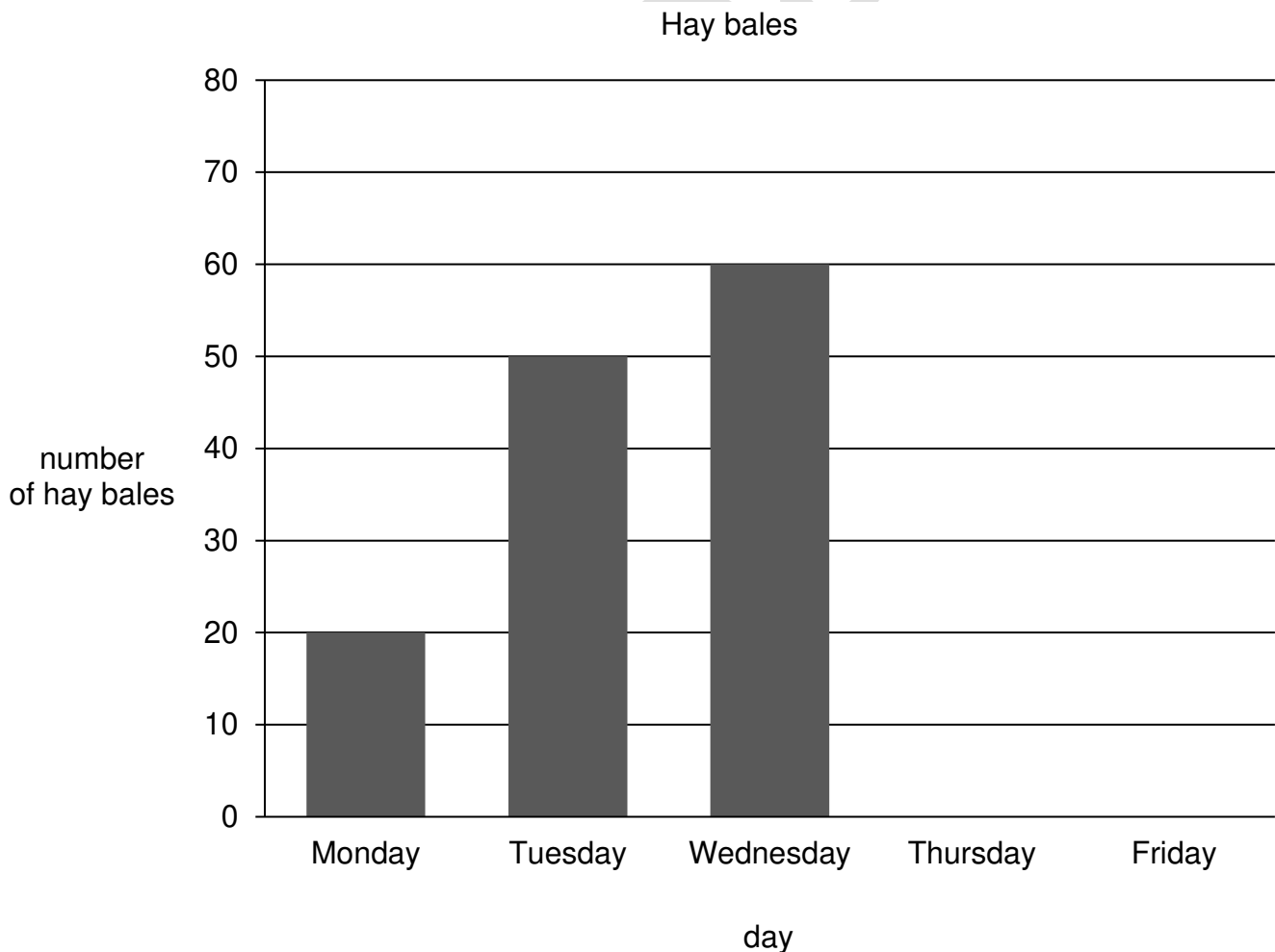
Day	Number of hay bales
Monday	20
Tuesday	50
Wednesday	60
Thursday	70
Friday	40



He starts to show the results in a bar chart.

Complete the bar chart.

[2 marks]



2 (d) Dave has 37 m of fencing.
He cuts the fencing into as many 8 m lengths as he can.
How many 8 m lengths does he cut?

[2 marks]



2 (e) How many metres of fencing will Dave have left over?

[1 mark]



2 (f) The fencing comes in rolls like this.



What is the name of this 3D shape?

[1 mark]



[Total marks: 8]

Please turn over

Activity 3: The farm shop

Daisy works in the farm shop.

3 (a) The shop is closed for four weeks each year.

How many weeks is it open for each year?

[2 marks]

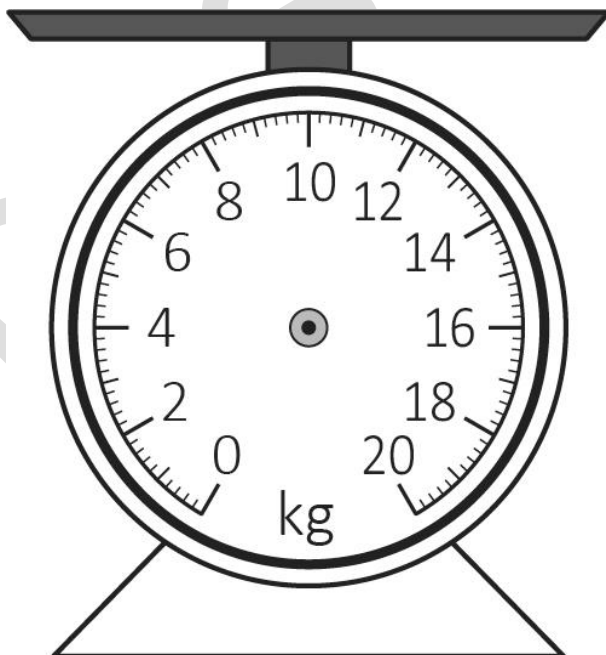


Blank area for writing the answer to question 3(a).

3 (b) Daisy weighs 12 kg of potatoes.

Show where 12 kg is on this scale.

[1 mark]



3 (c) A customer buys some vegetables for £34

He pays with a £50 note.

How much change should Daisy give the customer?

[2 marks]



past paper

Please turn over

3 (d) Daisy is sorting out deliveries.

Name	Time	Cost
Mr Green	morning	£35
Mr Brown	afternoon	£48
Mrs Smith	afternoon	£9
Miss Evans	morning	£14
Mr Ali	morning	£13
Dr White	morning	£32
Mrs Patel	afternoon	£16
Mrs Clarke	afternoon	£18

Write down the names of the people who have a morning delivery that costs more than £30

[2 marks]



3 (e) Daisy writes down the distance she travels each day.

Day	Distance
Monday	119 km
Tuesday	109 km
Wednesday	191 km
Thursday	190 km
Friday	101 km

On which day does she travel the furthest distance?

[1 mark]



[Total marks: 8]

Please turn over

Activity 4: Picking cabbages

Some of the farm workers are picking cabbages.

4 (a) This table shows who is working this week.

Monday	Tuesday	Wednesday	Thursday	Friday
Ben	Ben	Tom	Dave	Tom
Kai	Tom	Liz		Ben
Dave	Kai	Kai		
Sue	Dave	Ben		
	Sue	Sue		
		Safi		

Who works on the most days?

[1 mark]

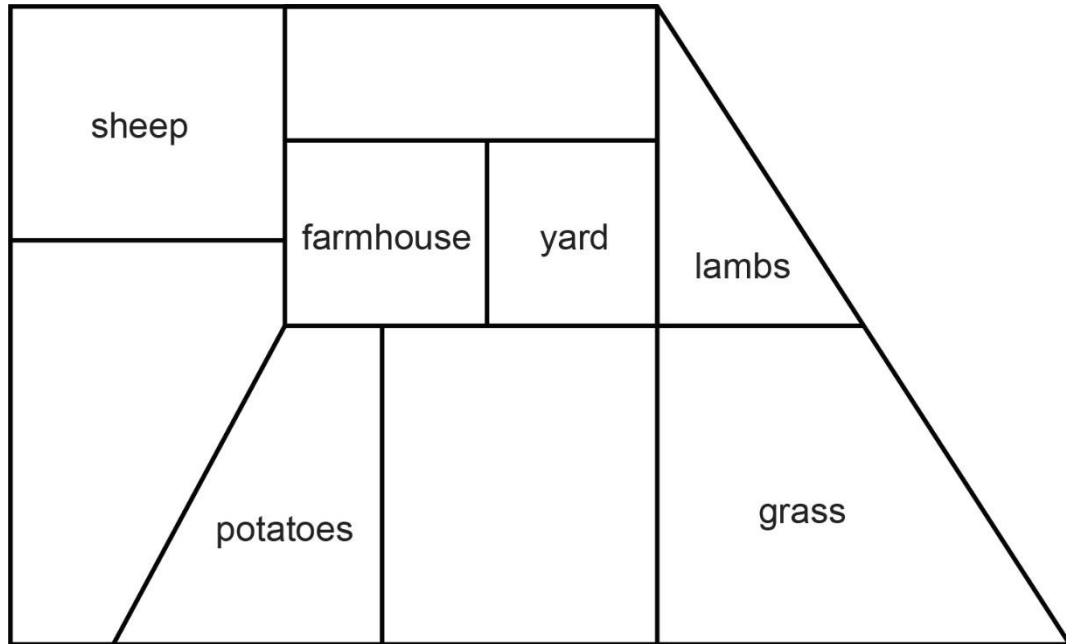


4 (b) The workers are going to pick the cabbages.

The cabbages are in the field between the grass and the potatoes.

Tick (✓) where the cabbages are.

[1 mark]



4 (c) One of the fields is in the shape of a pentagon.

How many corners does a pentagon have?

[1 mark]



Please turn over

4 (d) The workers count the number of cabbages they have picked.

Ben	46
Kai	36
Tom	64

Ben works out how many cabbages were picked in total.

$$46 + 36 + 64 = 146$$

He rounds each number to the nearest 10 to check his answer.

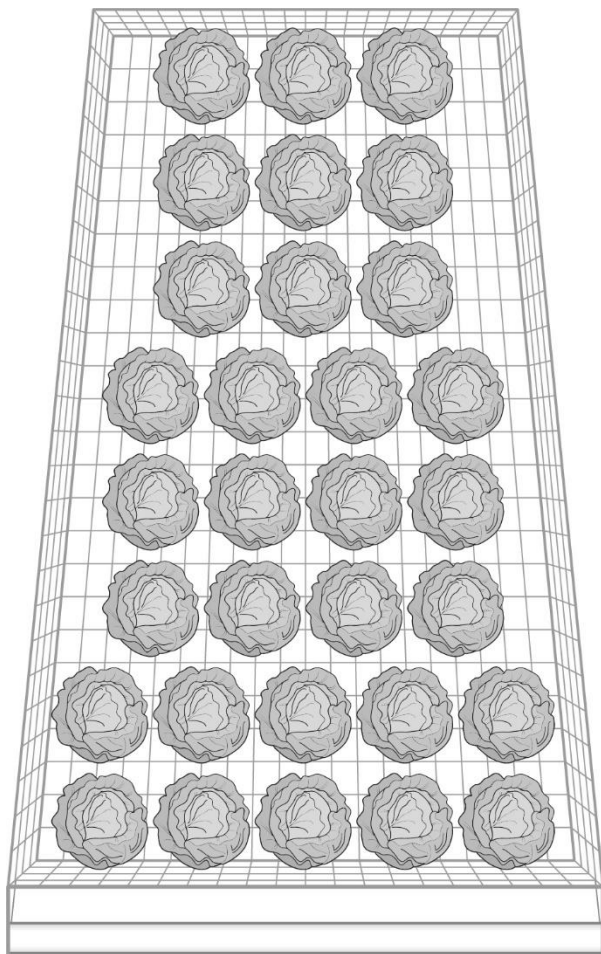
Show how he does this check.

[2 marks]



Blank area for showing the rounding check.

4 (e) Safi picked these cabbages.



How many cabbages has Safi picked?

[1 mark]

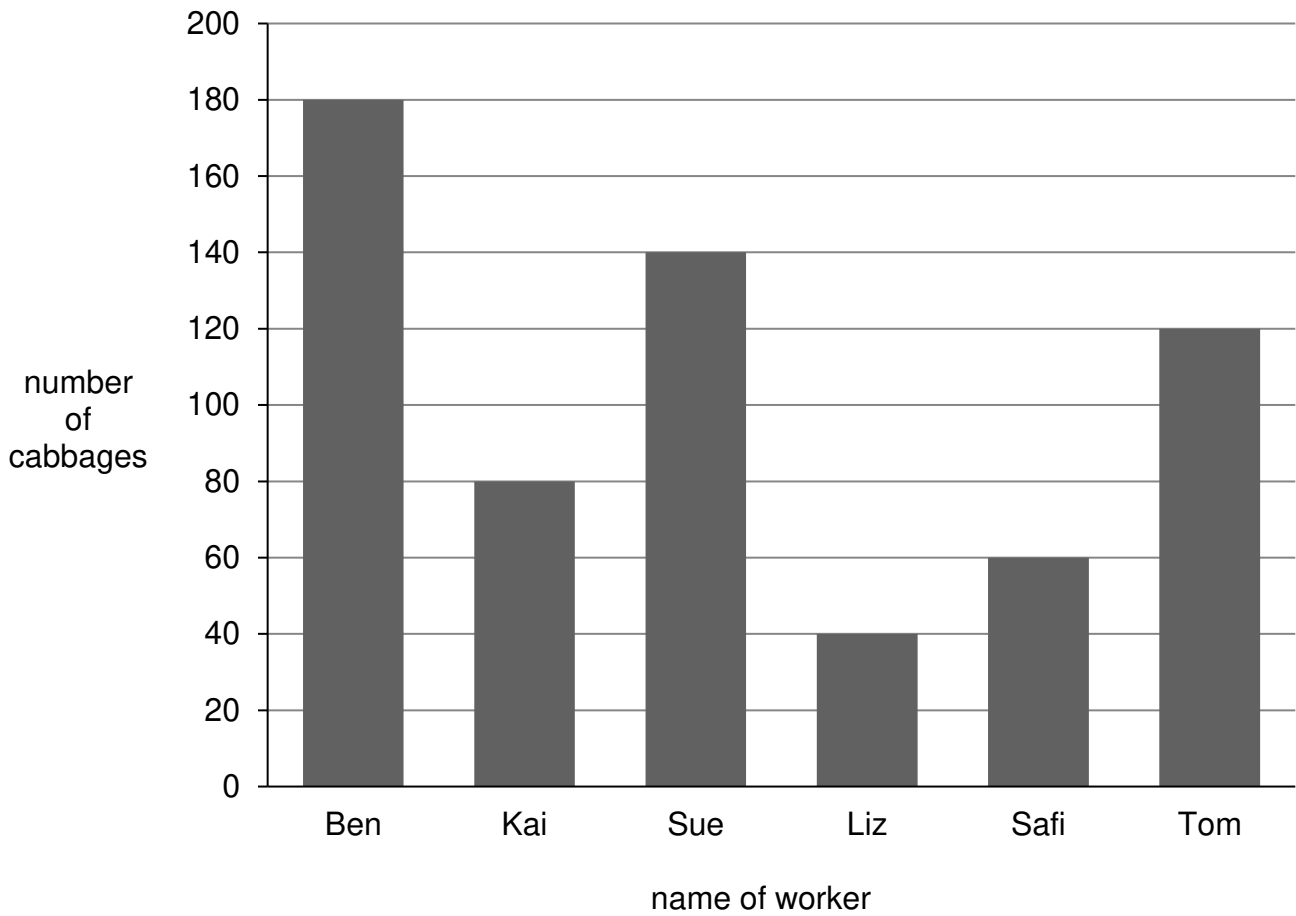


Please turn over

4 (f)

This chart shows the number of cabbages each of the workers picked by the end of the week.

Cabbage picking chart



How many workers picked more than 100 cabbages?

[1 mark]



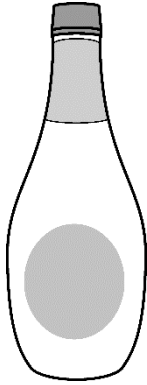
4 (g) Workers bring bottles of water to work.

Tom brings the bottle that can hold the most water.

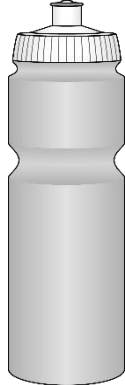
Which bottle does Tom bring?

Tick (✓) your answer.

[1 mark]



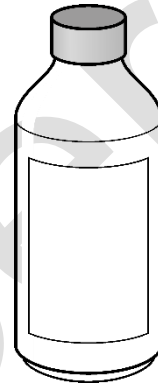
12 litres
A ()



200 ml
B ()



2 litres
C ()



120 ml
D ()



[Total marks: 8]

This is the end of the internal assessment.